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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number 10/642,430
Filing Date 08/15/2003
First Named Inventor Peter C. Williams
Art Unit
Examiner Name
Attorney Docket Number 22188/06671

ERIC K. NICHOLSON
PRIMARY EXAMINER

Sheet

of

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EW		US- 771682	10-04-1904	Sussman	
		US- 4538842	09-03-1985	Kowal et al.	
		US- 4538836	09-03-1985	Kruttien	
		US- 4508374	04-02-1985	Kantor	
		US- 4293149	10-06-1981	Bonel	
		US- 4343456	08-10-1982	Zitzloff	
		US- 3248136	04-26-1966	Brozek et al.	
		US- 4944534	07-31-1990	Kotyk	
		US- 3139293	06-30-1964	Franck	
		US- 4256334	03-17-1981	Bolisset et al.	
		US- 3290062	12-06-1966	Ziberl et al.	
		US- 4022497	05-10-1977	Kotsakis	
		US- 4192532	03-11-1980	Pacella	
		US- 6102449	08-15-2000	Welsh	
		US- 4523256	06-11-1985	Small	
		US- 5163722	11-17-1992	Worden	
		US- 5114190	05-19-1992	Chalmers	
EW		US- 4169967	10-02-1979	Bachle	
		US- 4033614	07-05-1977	Hanson	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
EW		EP-0583707-B1	03-20-1996	Anton Hummel Verwaltungs-		
		EP-0879980-A2	11-25-1998	EM-Technik GmbH		
		EP-0940617-A2	09-08-1999	Insigne-Berg Groep B.V.		
		JP-11325342-A2	11-26-1999	IHARA SCIENCE CORP		
		JP-51017219-A2	02-12-1976	TAKEMOTO YUSHI KK		
EW		JP-551559392-A2	12-11-1980	JIEIMUZU NEIRU HOORU		

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PTO/SB/08A (02-03)

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		Number-Kind Code ² (if known)			
gm		US- 6179348	01-30-2001	Okamoto	
		US- 6173995	01-16-2001	Mau	
		US- 6109660	08-29-2000	Akiyama et al	
		US- 6089620	07-18-2000	Mota Lopez et al.	
		US- 6045164	04-04-2000	Nishio	
		US- 6039361	03-21-2000	Mell	
		US- 6022053	02-08-2000	Hukuda	
		US- 6007112	12-28-1999	Kim	
		US- 5718459	02-17-1998	Davie et al.	
		US- 5711549	01-27-1998	Beans	
		US- 5658025	08-19-1997	Ridenour	
		US- 5607194	03-04-1997	Ridenour	
		US- 5489127	02-06-1996	Anglin et al.	
		US- 5439259	08-08-1995	Taga et al.	
		US- 5240289	08-31-1993	Gottling et al.	
gm		US- 5074155	12-24-1991	Vecere	
		US- 5074599	12-24-1991	Wirbel et al.	
		US- 4903942	02-27-1990	Licciardello et al.	
		US- 4739828	04-26-1988	Bayer et al.	

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gm		EP-0309179-A1	03-29-1989	PARKER HANNIFIN CORP		
		EP-0371063-B1	02-05-1992	GEORGE FISCHER CASTI		
		EP-0396367-B1	01-20-1993	PRICE PFISTER, INC.		
		EP-0489289-B1	05-04-1994	PARKER-ERMETO GMBH		
		EP-0523020-B1	02-28-1996	AB STACKE METALLARM		
		EP-0528079-B1	03-30-1994	Aeroquip AG		

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		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
gm		JP-369026	10-30-1991	FUESTO KG		
k		JP-50149910-A2	12-01-1975	HITACHI LTD		
		GB-2259123-B	07-19-1995	VICTAULIC PLC		
gm		JP-6112886-A2	05-30-1986	TOYO VALVE KK		

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ew		EP-0484091-A1	05-06-1992	CRAWFORD FITTING CO ⁵		
		EP-0751334-A1	01-02-1997	Guest		
		EP-0531068-A2	03-10-1993	VICTAULIC PLC		
		EP-0762003-A1	03-12-1997	ADAM OPEL AG		
		EP-0528079-A1	02-24-1993	Aeroquip AG		
ae		EP-0581408-A1	02-02-1994	GENERAL ELECTRIC CO ⁵		

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GM		US- 3893716	07-08-1975	Moreiras et al.	
		US- 3743324	07-03-1973	Schwarz et al.	
		US- 3325192	06-13-1967	Sullivan	
		US- 3215457	11-02-1965	Teeters	
		US- 2693374	11-02-1954	Wurzburger	
		US- 2511134	06-13-1950	Stranberg	
		US- 2474178	06-21-1949	Wurzburger	
		US- 2179127	11-07-1939	Lauer	
		US- 2165626	07-11-1939	Ford	
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		US- 4458927	07-10-1984	Smith	
		US- 3708186	01-02-1973	Takagi et al.	
		US- 3684322	08-15-1972	Kotsakis	
		US- 3512812	05-19-1970	Kreidel et al.	
		US- 3326582	06-20-1967	Currie	
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GM		US- 6279242	08-28-2001	Williams et al.	

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EM		• EP-1055859-A2	11-29-2000	Tekal Rubber Industries, Ltd		
		• WO-9934142-A1	07-08-1999	DAICEL CHEMICAL INDU		
		• JP-6174171-A2	06-24-1994	NIPPON PILLAR PACKING		
		• JP-4069488-A2	03-04-1994	FUROUERU:KK		
		• JP-2001141169-A2	05-25-2001	NIPPON PILLAR PACKING		
EM		• EP-0638752-A1	02-15-1995	Park, Sil-Sang		

Examiner Signature <i>Eric K. Nicholson</i>	Date Considered	3/17/05
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hu		DE-4041679-A1	06-25-1992	Armaturenfabrik Hermann V		
		JP-2000110975-A2	04-18-2000	TAKEI KOJO:KK		
		JP-2001099337-A2	04-10-2001	KOMEI SEISAKUSHO:KK		
		JP-11201347-A2	07-30-1999	NIPPON KOKAN PIPE FIT		
		JP-5712887	01-22-1987	Fuji Seiko KK		
hu		JP-4874317	09-14-1973	Nitto Koki KK		

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		• JP-461462	01-19-1971	Nitta Bel KK		
		• JP-57202084	12-22-1982	Yae Kagaku Kogyo KK		
		• JP-56124787-A2	09-30-1981	RUI MARUTERI		
		• JP-63231086-A2	09-27-1988	TOHO KASEI KK		
gm		• JP-60139988-A2	07-24-1985	E T E KK		

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JMA		US- 3992043	11-16-1976	Whitley	
		US- 4136896	01-30-1979	Rodman et al.	
		US- 3736008	05-29-1973	Crawford	
		US- 6168211	01-02-2001	Schora-Gilson	
		US- 5954375	09-21-1999	Trickle et al.	
		US- 5716082	02-10-1998	Vogel et al.	
		US- 5335946	08-09-1994	Dent et al.	
		US- 5193616	03-16-1993	Hynes	
		US- 4940263	07-10-1990	Mayernik	
		US- 4890867	01-02-1990	Briggs et al.	
		US- 4789759	12-06-1988	Jones	
		US- 4647086	03-03-1987	Maxwell et al.	
		US- 4541537	09-17-1985	Sailor	
		US- 4529231	07-16-1985	Greenawalt	
		US- 4304422	12-08-1981	Schwarz	
		US- 4136897	01-30-1979	Haluch	
		US- 4037864	07-26-1977	Anderson et al.	
		US- 3970337	07-20-1976	Niemeyer	
		US- 3895832	07-22-1975	Ellis et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JMA		WO-9832999-A1	07-30-1998	SWAGELOK MARKETING		
		WO-9846925-A1	10-22-1998	SWAGELOK MARKETING		
		EP-0863354-A1	09-09-1998	Armaturenfabrik Hermann		
		WO-9924750-A1	05-20-1999	GLYNWED PIPE SYSTEMS		
		WO-8912190-A1	12-14-1989	WEBER		
		WO-9707356-A1	02-27-1997	FRÖHLICH		

Examiner Signature	Date Considered	3/17/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/642,430
Filing Date 08/15/2003
First Named Inventor Peter C. Williams
Art Unit
Examiner Name
Attorney Docket Number 22188/06671

ERIC K. NICHOLSON
PRIMARY EXAMINER

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
EKM		US- 6073976	06-13-2000	Schmidt et al.	
		US- 4586731	05-06-1986	Castrup	
		US- 3923323	12-02-1975	Brogan	
		US- 3319293	05-16-1967	Gollos	
		US- 3025084	03-13-1962	Franck	
		US- 2641489	06-09-1953	Hedberg	
		US- 2553981	05-22-1951	Richardson	
		US- 2544109	03-06-1951	Richardson	
		US- 2497274	02-14-1950	Richardson	
		US- 2460621	02-01-1949	Courtot	
		US- 2450170	09-28-1948	Smith	
		US- 2127611	08-23-1938	Mueller	
		US- 1889778	12-06-1932	Dobrick	
		US- 1927464	09-19-1933	McIntosh	
		US- 1755210	05-22-1930	Dobner	
		US- 2139413	12-06-1938	Kreidel	
		US- 2738994	03-20-1956	Kreidel et al.	
		US- 2406488	08-27-1946	Brock	
		US- 2823935	02-18-1958	Wurzburger	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
EKM		WO-9324780-A1	12-09-1993	THE DEUTSCH COMPANY		
		GB-2258897-A	02-24-1993	RUSKA LABORATORIES, I		
		JP-5666586-A2	06-05-1981	ERUMETO ARUMATOURI		
		JP-59006488-A2	01-13-1984	FUJI KINZOKU KOUSAKU		
		WO-8804385-A1	06-16-1988	GEORGE FISCHER CASTI		
		WO-9743571-A1	11-20-1997	ILE.Scaron.I.Ccaron., Peter		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

Examiner Name

Attorney Docket Number	22188/06671
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		Country Code ² Number ³ Kind Code ⁴ (If known)	MM-DD-YYYY			
Lear		EP-0224188-A1	06-03-1987	MITSUI & CO., LTD.		
		WO-0173333-A1	10-04-2001	SWAGELOK COMPANY		
		WO-8400796-A1	03-01-1984	IWANICKI		
		JP-2000097377-A2	04-04-2000	CKD CORP		
		GB-2080900-A	02-10-1982	WAVERLEY COMPONENT		
Lear		GB-2032555-A	05-08-1980	NORMARK O		

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Date _____

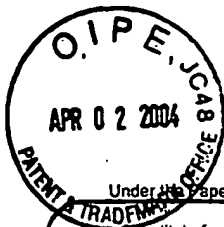
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3/17/05

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Complete if Known

Application Number 10/642,430
Filing Date 08/15/2003
First Named Inventor Peter C. Williams
Art Unit
Examiner Name
Attorney Docket Number 22188/06671

ERIC K. NICHOLSON
PRIMARY EXAMINER

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EKN		US- 3580617	05-25-1971	Ehrenberg et al.	
		US- 2755110	07-17-1956	Jacobs	
		US- 3195933	07-20-1965	Jacobs	
		US- 3006558	10-31-1961	Jacobs	
		US- 3977708	08-31-1976	Jopp	
		US- 4133565	01-09-1979	Shutt	
		US- 4133312	01-09-1979	Burd	
		US- 4072328	02-07-1978	Elliott	
		US- 4076286	02-28-1978	Spontelli	
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		US- 3379461	04-23-1968	Davis	
		US- 2768845	10-30-1956	Samiran	
		US- 2544108	03-06-1951	Richardson	
		US- 1058542	04-08-1913	Brown	
		US- 791905	06-06-1905	Higginbotham	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
EW	'	EP-0034493-A2	08-26-1981	GOULD INC.		
	'	EP-1020675-A1	07-19-2000	F.X. Bachmann AG		
	'	EP-1033518-A1	09-06-2000	GLYNWED PIPE SYSTEM		
	'	EP-0118656-B1	06-11-1986	Firma Franz Viegeler II		
	'	EP-0205170-A2	12-17-1986	Hewlett-Packard GmbH		
	'	EP-0285677-B1	12-02-1992	MANIBS Spezialarmaturen		

Examiner Signature		Date Considered	3/17/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number **10/642,430**
 Filing Date **08/15/2003**
 First Named Inventor **Peter C. Williams**
 Art Unit
 Examiner Name
 Attorney Docket Number **22188/06671**

**ERIC K. NICHOLSON
PRIMARY EXAMINER**Sheet ☐ of ☐**U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
<i>km</i>		US- 5134676	07-28-1992	Boillot et al	
		US- 5823256	10-20-1998	Moore	
		US- 6361083	03-26-2002	Riesselmann et al.	
		US- 6123364	09-26-2000	Inoue et al.	
		US- 5961160	10-05-1999	Frolich	
		US- 4682797	07-28-1987	Hildner	
		US- 4655485	04-07-1987	Albrecht et al.	
		US- 4500117	02-19-1985	Ayers et al	
		US- 4309050	01-05-1982	Legris	
		US- 3857591	12-31-1974	Voss	
		US- 3167333	01-26-1965	Hall et al.	
		US- 2561648	07-24-1951	Bradley	
		US- 2452276	10-26-1948	Woodling	
		US- 2284216	05-16-1942	Kunkel	
		US- 2150042	03-07-1939	Shultz	
		US- 2083091	06-08-1937	Rector	
		US- 1983840	12-11-1934	Dohner	
		US- 1334130	03-16-1920	Blanchard	
<i>km</i>		US- 5351998	10-04-1994	Behrens et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>km</i>		JP-4429659	12-08-1969	Sanko KK		
		JP-513917	01-13-1976	Taiyo Kinzoku KK		
		JP-55181082	12-26-1980	Tokyo Shibaura Denki KK		
		EP-441676-B1	06-05-1996	RADIALL Société anonyme		
		WO-9423234-A1	10-13-1994	SALYERS		
<i>km</i>		JP-U3069026	05-30-2000	TOKYO KOKEN KK		

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3/17/05

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		Application Number	10/642,430
		Filing Date	08/15/2003
		First Named Inventor	Peter C. Williams
		Art Unit	ERIC K. NICHOLSON PRIMARY EXAMINER
Examiner Name			
Attorney Docket Number	22188/06671		
Sheet		of	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Qu		PARKER HANNIFIN CORPORATION, Supercase, The Invisible Breakthrough, Parker Supercase Promotion Folder, Parker Hannifin Corporation, Huntsville, AL.	
I		PARKER HANNIFIN CORPORATION, Parker Supercase Process Hardens Stainless Steel to Become More Resistant to Corrosion, News Release, Parker Hannifin Corporation, Huntsville, AL.	
I		PARKER HANNIFIN CORPORATION, Engineering Report - Ferrule Design Supercase, Parker Supercase Bulletin, 4230-B15.1, Parker Hannifin Corporation, Huntsville, AL.	
Qu		PARKER HANNIFIN CORPORATION, Parker Supercase, A Proprietary Process for the Hardening of Stainless Steel Ferrules, Parker Supercase Bulletin, March 1993, 4230-B15.3, Parker Hannifin Corporation, Huntsville, AL.	

Examiner Signature		Date Considered	3/17/05
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Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

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Attorney Docket Number	22188/06671
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		Country Code ² Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY			
lee		EP-0895014-A2	02-03-1999	Parker Hannifin GmbH		
		WO-8909904-A1	10-19-1989	NORDS VERKSTADS AKTI		
		WO-9325837-A1	12-23-1983	LEHMANN, Klaus-Dieter		
		WO-9714905-A1	04-24-1997	AVESTA NORDS AKTIEBC		
		WO-0120214-A1	03-22-2001	SWAGELOK COMPANY		
la		JP-61099790-A2	05-17-1986	FUJI SEIKOU KK		

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Date Considered

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Complete if Known

Application Number	10/642,430
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Filing Date	08/15/2003
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First Named Inventor	Peter C. Williams
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Art Unit

Examiner Name

Attorney Docket Number	22188/06671
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ERIC K NICHOLSON
PRIMARY EXAMINER

Sheet _____ of _____

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY			
		• KR-200239292	07-09-2001			
		• KR-19920008397	05-25-1992			
		• KR-20010006382	01-26-2001			
		• KR-19930006359	04-21-1993			
		JP-1054599-B4	11-20-1989	NIPPON PILLAR PACKING		
		• JP-4023157-B4	04-21-1992	TOHO KASEI KK		

**Examiner
Signature**

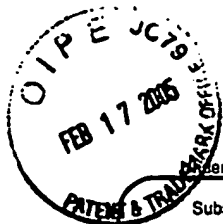
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3/17/05

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/642,430
Filing Date	August 15, 2003
First Named Inventor	Peter C. Williams
Art Unit	3679
Examiner Name	Erik K. Nicholson
Attorney Docket Number	22188/06671

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
gm		US- 6,131,963	10/17/00	Kuhns et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
gm		WO 02/063195	08/15/02	Swagelok		

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3/17/03

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/642,430
		Filing Date	August 15, 2003
		First Named Inventor	Peter C. Williams
		Art Unit	3679
		Examiner Name	Erik K. Nicholson
Sheet 2	of 2	Attorney Docket Number	22188/06671

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>guc</i>		International Search Report for PCDT/US2004/026096.	

Examiner Signature	<i>[Signature]</i>	Date Considered	3/17/09
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